EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with Mr. David Lee, Reg. No. 61395, on 10/13/2009.

3. The following claims had been amended as:

Claims 4 through 6 are canceled.

Claim 7. A system, comprising:

a manager object ~~including~~ executing a plurality of worker threads ~~operating~~ in parallel, a request queue, and a result queue;

a plurality of requests objects;

a computer configured to process the manger object and the plurality of request objects, the manger object configured to receive each of the plurality of request objects and to organize each of the request objects in the request queue;

a plurality of active devices on a network in communication with the computer, each of the plurality of request objects representative of the active devices and a

request for an indication of a presences of the one of the active devices on the network; ~~and~~

~~a storage device coupled to the computer,~~

the managed object further configured to distribute each of the plurality of request objects in the request queue to one or more of the plurality of worker threads,

each of the plurality of worker threads configured to process each of the plurality of request objects in the request queue, to perform at least identical discovery functions on the plurality of active devices in response to the request for an indication, and to send each of the plurality of request objects to the manger object,

the manager object further configured to receive a response for each of the plurality of request objects from the one or more of the plurality of worker threads after ~~a~~ the response to the request for an indication has been received, and to organize in the result queue the response of each of the plurality of ~~received~~ request objects[[,]] ; and

a storage device coupled to the computer, the storage device configured to store the response received for each of the plurality of the request objects.

Claim 8. A method, comprising:

communicating with a plurality of active devices on a network;

providing a manger object executing ~~including~~ a plurality of worker threads ~~operating~~ in parallel, a request queue and a result queue;

receiving in the request queue a plurality of request objects, each of the plurality of request objects representative of one of the active devices and a request for an indication of a presence of the one of the active devices on the network;

distributing each of the plurality of request objects in the request queue to one or more of the plurality of worker threads, each of the plurality of worker threads configured to process each of the plurality of request objects in the request queue, to perform at least identical discovery functions on the plurality of active devices in response to the request for an indication, and to send each of the plurality of request objects to the manager object;

receiving a response for each of the plurality of request objects from the one or more of the plurality of worker threads after ~~a~~ the response to the request for an indication has been received; ~~and~~

organizing in the result queue the response of each of the plurality of ~~received~~ request objects; and

storing in a storage device the response received for each of the plurality of request objects.

Claim 9. A computer program product including a computer readable medium having stored thereon computer executable instruction that, when executed on a computer, configure the computer to perform a method comprising the steps of:

communicating with a plurality of active devices on a network;

providing a manger object executing ~~including~~ a plurality of worker threads ~~operating~~ in parallel, a request queue and a result queue;

receiving in the request queue a plurality of request objects, each of the plurality of request objects representative of one of the active devices and a request for an indication of a presence of the one of the active devices on the network;

distributing each of the plurality of request objects in the request queue to one or more of the plurality of worker threads, each of the plurality of worker threads configured to process each of the plurality of request objects in the request queue, to perform at least identical discovery functions on the plurality of active devices in response to the request for an indication, and to send each of the plurality of request objects to the manager object;

receiving a response for each of the plurality of request objects from the one or more of the plurality of worker threads after ~~a~~ the response to the request for an indication has been received; and

organizing in the result queue the response of each of the plurality of ~~received~~ request objects; and

storing in a storage device the response received for each of the plurality of request objects.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jennifer N. To whose telephone number is (571) 272-7212. The examiner can normally be reached on M-T 6AM- 3:30 PM, F 6AM- 2:30 PM.

5. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached on (571) 272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

6. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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